

Fakhrul Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

422
citations

1163117

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1372567

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docs citations

11
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Addition of Mercury Causes Quenching of NIR Fluorescence Emission Spectra of a Photoactivatable PAiRFP1 Protein. <i>Current Protein and Peptide Science</i> , 2022, 23, .	1.4	0
2	Mechanism of pH-induced conformational changes in MurE ligase obtained from <i>Salmonella enterica</i> serovar Typhi. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1898-1905.	3.5	6
3	Impact of amino acid substitutions on the behavior of a photoactivatable near infrared fluorescent protein PAiRFP1. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119572.	3.9	10
4	Towards an Ensemble Vaccine against the Pegivirus Using Computational Modelling Approaches and Its Validation through In Silico Cloning and Immune Simulation. <i>Vaccines</i> , 2021, 9, 818.	4.4	9
5	In Silico Studies on Psilocybin Drug Derivatives Against SARS-CoV-2 and Cytokine Storm of Human Interleukin-6 Receptor. <i>Frontiers in Immunology</i> , 2021, 12, 794780.	4.8	12
6	Effects of reverse genetic mutations on the spectral and photochemical behavior of a photoactivatable fluorescent protein PAiRFP1. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117807.	3.9	11
7	Comparative Analysis of Bacteriophytochrome Agp2 and Its Engineered Photoactivatable NIR Fluorescent Proteins PAiRFP1 and PAiRFP2. <i>Biomolecules</i> , 2020, 10, 1286.	4.0	14
8	An Integrated Systems Biology and Network-Based Approaches to Identify Novel Biomarkers in Breast Cancer Cell Lines Using Gene Expression Data. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020, 12, 155-168.	3.6	35
9	Photocatalytic solar fuel production and environmental remediation through experimental and DFT based research on CdSe-QDs-coupled P-doped-g-C ₃ N ₄ composites. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118867.	20.2	165
10	Promoting visible-light photocatalytic activities for carbon nitride based OD/2D/2D hybrid system: Beyond the conventional 4-electron mechanism. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118870.	20.2	107
11	CRISPRMatch: An Automatic Calculation and Visualization Tool for High-throughput CRISPR Genome-editing Data Analysis. <i>International Journal of Biological Sciences</i> , 2018, 14, 858-862.	6.4	53